



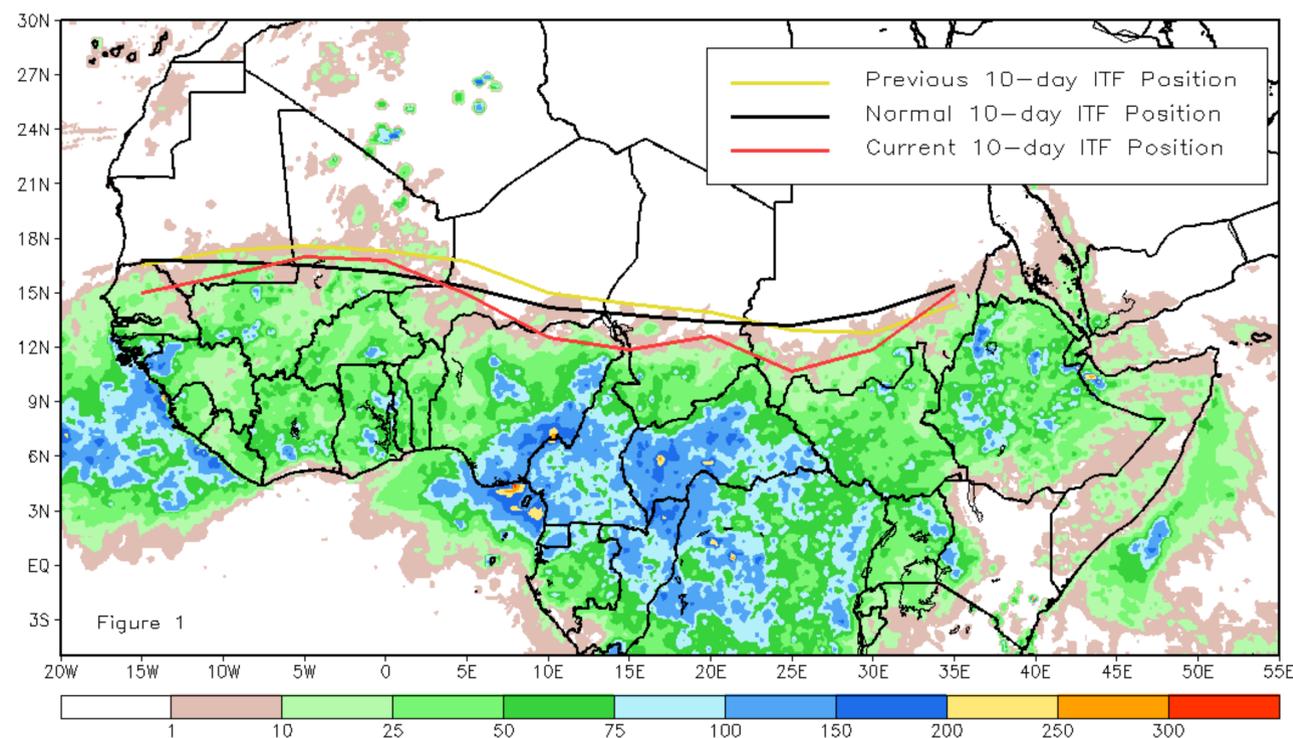
CPC Africa Desk InterTropical (ITF) Front Analysis

October 2013, Dekad 1

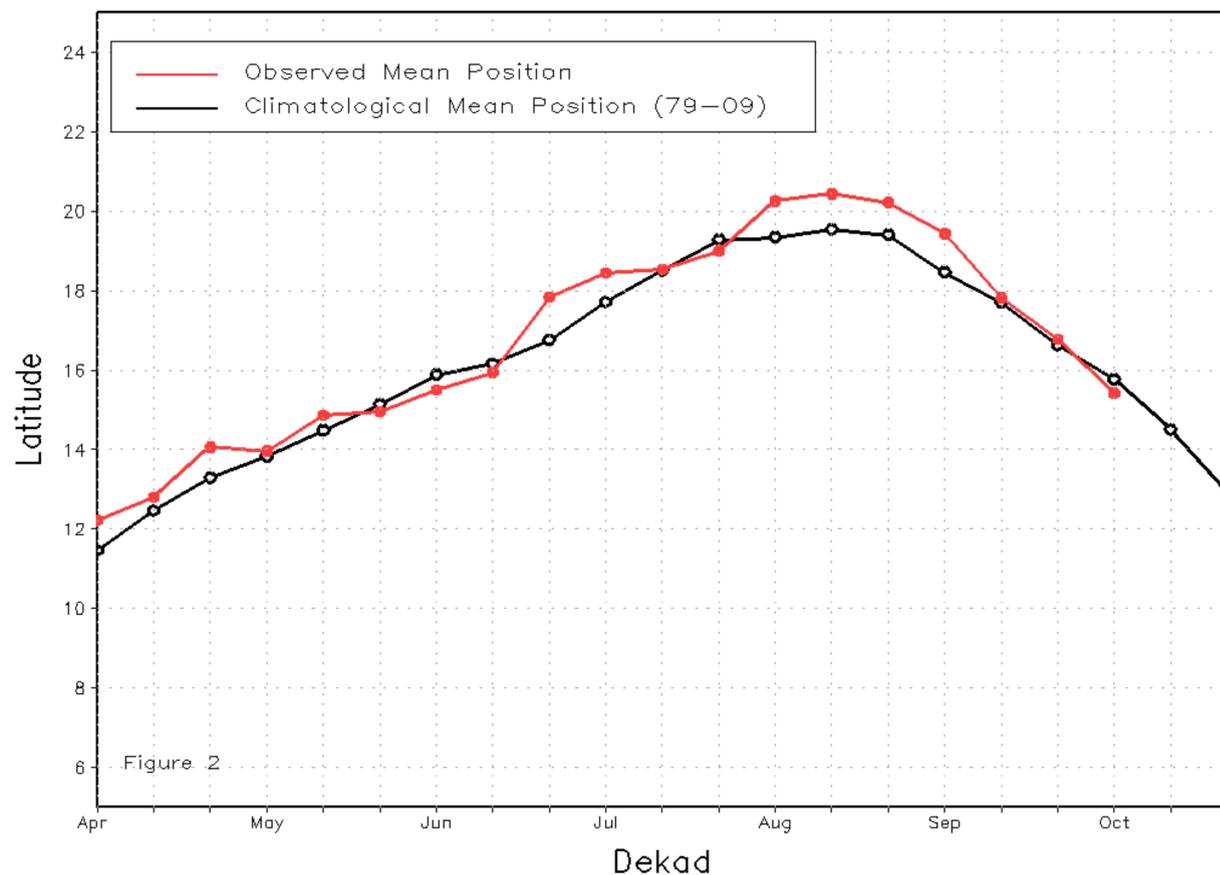
Discussion:

From October 1-10, 2013, the ITF exhibited a rapid equatorward retreat across Africa. This fast southward movement can be attributed to the intensification and relaxation of the northern and southern Hemisphere highs, respectively. Across the western portion (10W-10E), the mean position of the ITF was centered upon 15.4 degrees North, which was to the South of the climatological position by 0.4 degree. Moreover, across the eastern portion (20E-35E), the mean position of the ITF was located nearly at 12.6 degrees North, leading the long-term average position by 1.4 degrees. While the southward migration of the ITF still brought above-average rainfall over central Sahel, the former resulted in below-average rainfall over Sudan and northern South Sudan during the period. Figure 1 displays the current ITF position relative to its long-term average position during the first dekad of October and its previous position during the third dekad of September. Figures 2 and 3 are time series, illustrating the mean latitudinal values of the western and eastern portion of the ITF, respectively, and their evolutions since April, 2013.

Current vs. Normal Dekadal ITF Position
and RFE Accumulated Precipitation (mm)
October 2013, Dekad 1



Mean Western Portion of the ITF: Averaged 10W to 10E
As of: October 2013, Dekad 1



Mean Eastern Portion of the ITF: Averaged 20E to 35E
As of: October 2013, Dekad 1

